Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 20 Jan 2022 until 23:59 on Friday 21 Jan 2022

Forecast Issued on Thursday 20 Jan 2022 at 00:46

Confidence: High for a fine, cold day Thursday and for a change to slightly milder conditions through Friday, but lower with regard to cloud details.

Headline for Thursday 20 Jan 2022: Largely dry with long sunny spells. Cold northwesterly wind.

Mountain weather hazards on Thursday 20 Jan 2022

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
10%	10%	10%	<05%	<05%	00%

Forecast for Thursday 20 Jan 2022

Weather: The odd wintry shower may affect the far east of the park early on. Otherwise, it will be a dry day with prolonged spells of sunshine, followed by a clear and frosty evening.

Chance of cloud free mountain/hill tops above 600m: 90-100% through much of the day.

Visibility: Little or no cloud expected below summit level through much of the day with visibility very good or excellent through daylight hours and good panoramic views of surrounding hills. However, isolated wintry showers in the east temporarily making the visibility poor, with cloud bases 500-700m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 20 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 N	10/17 N	11/15 N	9/13 NW	9/15 NW	10/15 W	11/16 W
300	7/13 NE	7/11 NW	9/12 NW	7/11 NW	6/10 NW	6/9 SW	5/7 W
Valley	4/15 N	3/10 NW	5/10 NW	4/11 NW	3/10 N	2/5 W	1/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-3/-8	-2/-7	-1/-6	-2/-6	-2/-7	-1/-6
300	1/-2	-0/-4	0/-4	1/-2	0/-3	-0/-3	-0/-3
Valley	1/-2	-1/-3	1/-1	2/-0	-1/-3	-1/-3	-1/-2
Freezing Level*	200m	00m	100m	200m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the sunshine still a significant chill effect, especially at higher elevations.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 20 Jan 2022	3.2mm	3.2mm	3.2mm

Forecast for Friday 21 Jan 2022

Weather: Dry with some long clear spells overnight. Then a bright frosty start, followed by a mostly dry day with variable cloud, but often large amounts in the west.

Maximum wind: Mainly westerly around 15-20mph

Chance of cloud free mountain/hill tops above 600m: Around 70-80% in east but nearer 40% in west.

Visibility: Occasional, or especially in the west, periods of cloud above about 600m. Otherwise visibility good or very good.

Temperature: **Valleys:** Around minus 2 Celsius at dawn rising to plus 6 or 7 Celsius by day
At 600m: Around minus 2 Celsius rising to plus 2 Celsius
Freezing level: less than 300m rising to just above the summits

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